AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT) IN-TRANSIT VISIBILITY (ITV) UPDATE

SDDC CONFERENCE - USMC TACK-ON

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Agenda

- **AIT Definition – Interpretation**
- OSD/DoD/DoN AIT Policy
- USMC Interim AIT Policy Messages
- On-going AIT Initiatives
- ITV Initiatives

AIT Definition - Interpretation

AIT: a suite of technologies (bar codes, optical memory card (OMC), radio frequency identification (RFID), contact memory button (CMB), and integrated circuit card that enables the automatic capture of source data, thereby enhancing the ability to identify, track, document, and control deploying and redeploying forces, equipment, personnel and sustainment cargo.

AIT Leads: The application of putting data onto or represented by an AIT media (i.e., printing the bar codes on the MSL).

Business Process Owners: The application/process of extracting information from an AIT media to satisfy a particular business process event (i.e., scanning MSL).

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- AIT Definition – Interpretation
- **OSD/DoD/DoN AIT Related Policy**
- USMC AIT Policy (Interim)
- On-going AIT Initiatives
- ITV Initiatives

OSD/DoD/DoN AIT Related Poli

✓ **DoD 4000.25-1-M; Military Standard Requisitioning and Issue Procedures (MILSTRIP)** - Requires linear and 2D bar codes on DD Form 1348-1A (Issue Release Receipt Document (IRRD))

✓ **DoD 4500.9-R-Part 2/3, Defense Transportation Regulation** – Requires a linear and 2D MSL for sustainment and unit move shipments entering the organic distribution system

✓ **OUSD (AT&L) memo 2 Oct 03 – Radio Frequency**

OSD/DoD/DoN AIT Related Pol

- ✓ **OUSD (AT&L) memo 2 Oct 03 – Radio Frequency Identifica Policy (Passive Tags)** - Requires suppliers to put passive RFI possible piece part/case/pallet packaging by Jan 05.

- ✓ **OUSD (AT&L) memo 29 July 2003, Policy for Unique Ident of Tangible Items – New Equipment, Major Modifications, Reprocurements of Equipment and Spares.** The policy sta mandatory requirement for all property items delivered to the g (1) the acquisition cost is $5,000 or more, (2) it is either a seria mission essential or controlled inventory piece of equipment or or a consumable item or material where permanent identificati (3) it is a component of a delivered item, if the program manag that unique identification is required, or (4) a UID or a DoD-rec equivalent (VIN, ESN, etc.).

- ✓ **SECNAVINST 7320.10A, Department of the Navy Personal Policies and Procedures** - All personal property recorded in t property system shall be bar coded within seven days of recei

OSD/DoD/DoN AIT Related Pol

- **(Draft) SECNAVINST 5230.1 - Management of Automatic Identification Technology (AIT) In The Department Of The Navy (DoN) of Jun 2004 –**

  Defines the management responsibility of AIT within DoN and outlines specific Service responsibilities.

  - Directed the Services to publish a separate Policy

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USMC Interim AIT Policy Messa

- No single document incorporates all DoD/DoN AIT polices into one MCO

- Guidance - Release a series of separate messages address each of the DoD/DoN AIT requirements:
  1. **Active RFID** (see handout)
  2. MSL (DD Form 1387)
  3. IRRD (DD 1348-1A) (found excel spreadsheet that will produce linear bar codes; working with creator to fix third bar code error)
  4. UID
  5. Personal Property
  6. Passive RFID
  7. Roles and Responsibilities

USMC Interim AIT Policy Messa

- All messages will form the basis for a future U AIT Order

- Messages will not cover business process; det business processes should be incorporated in process orders

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On-going AIT Initiatives

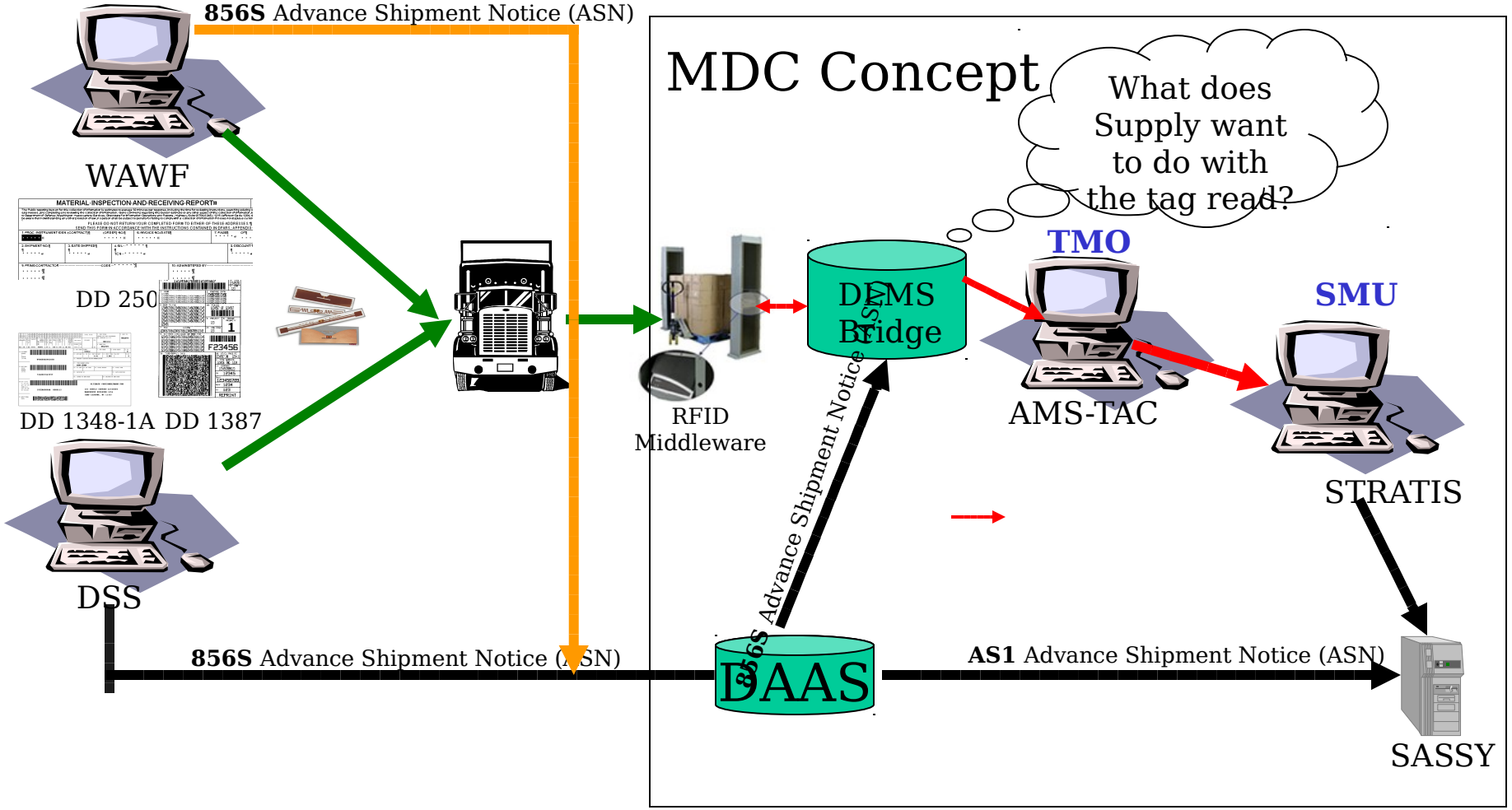
- **AIT Website** – MARCORSYSCOM developing and should be launched late May 06

- **Active RFID Migration to ISO** - Changes include the migration of active RFID tag identifiers from the current 22-bit to a 32-bit coding sequence and incorporation of the ISO/IEC 15418 and ISO/IEC 15434 (a.k.a. MH10) data semantics/syntax into the active RFID tag media. The time line for completion of required system modifications is approximately two years.

- **Passive RFID**
  - Supplemental funding coming to initiate passive RFID pilot at a USMC base
  - Requires TMO participation as first government entity to touch materiel (must define what role does TMO play)

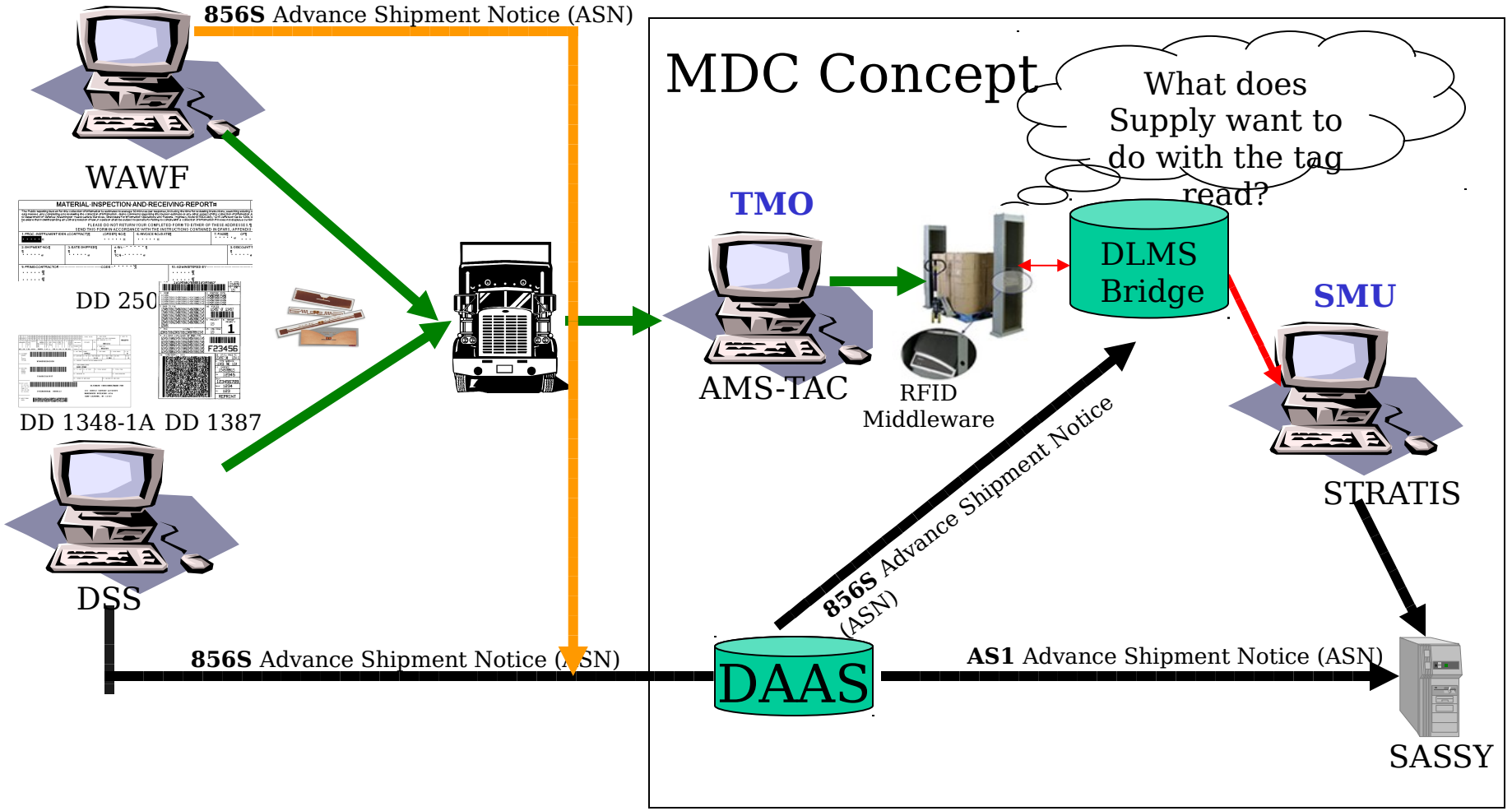
On-going AIT Initiatives

Passive RFID Flow (All Unit)



On-going AIT Initiatives

Passive RFID Flow (SMU Only)



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ITV Initiatives

- **Serial Shipping Container Code ((SSCC)** see handout**)**
  - DoD policy requires that the DoD ITV system (GTN) and source systems accommodate SSCC by Feb 2007
    -- Includes DSS, **CMOS**, TC-AIMS II, GATES, **AMS-TAC**, and MDSS II
  - SSCC is an 18-digit identifier that is the international equivalent of the DoD TCN
    -- Codified in NATO Standardization Agreement
    -- Accommodation of SSCC in the DoD TCMD will;
  - • Reduce re-orders and lift requirements
  - • Reduce ITV infrastructure costs
  - • Provide better warfighter support
  - USJFCOM is working with coalition partners to use or accommodate the SSCC

Questions